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ICF-CS20BT

Bluetooth® Clock Speaker with NFC

Meet the alternative to your basic clock radio and start your day with powerful alarm functionality and music from your smartphone via USB or Bluetooth® wireless, AM/FM radio, or buzzer. Enjoy worry-free setup and use with Auto Time Set and Automatic Daylight Savings Time, in addition to a backup battery.

Enjoy powerful sound

Enjoy Powerful wake-up, sleep, and music flexibility via: USB direct connectivity, Bluetooth® wireless[2], or AM/FM radio and 4 Watts stereo output[1] with MEGA BASS® and MEGA Xpand for rich and clear sound.

Stream your music wirelessly

Stream and control your Bluetooth® audio streaming experience with your compatible music devices, digital music player, smartphone, tablet, or computer.

One touch listening with NFC

Enjoy simplified Bluetooth® connectivity with NFC (Near Field Communications) technology. Align and touch NFC logos to: power the speaker on, activate Bluetooth®, pair devices, and stream music. When done, align and touch the NFC logos to disconnect.

Take or make calls

More than just a speaker, you can take advantage of hands-free calling via the built-in speakerphone at a push of a button.

Charge while you listen

A convenient, rear-mounted USB port is available to charge your compatible audio sources, including: digital music players, smartphones.

USB for iPhone[2]

Conveniently connect, control and charge your iPod® and iPhone® products[2] via the convenient USB port.

Alarm Flexibility

Dual alarms can be activated independently of one another, and can also be set as a 2-5-7 day alarm to differentiate weekend and weekday settings.

Easy, Automatic Time Set

Setting-up the ICF-CS20BT is a breeze, simply requiring that you select your appropriate time zone. Even better, the built-in calendar recognizes the date, automatically adjusting for Daylight Savings or Standard Time.

No Power, No Problem

A backup battery keeps the clock and alarm functional, even during a power interruption.

Plays well with others…

An auxiliary audio input lets you connect digital music players to the speaker for easy access to your music (cable not included).

Specifications

Audio	
Frequency Range	150 - 10,000 Hz
Full Range Speaker Size	Approx. 2 inches (5.0 cm) diameter
Sound System	Bass reflex
Speaker Output	2W + 2W (at 10% harmonic distortion, 1 kHz, 5 ohms)
Station Preset(s)	30 Total (20 FM, 10 AM)
Tuner Type	Digital AM/FM

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Tuning	FM: 87.5 - 108 MHz AM: 530 -1710 kHz
Convenience	
Snooze w/ Extendable Snooze	Snooze: 10 minute intervals up to 1 hour
Timer Clock	Sleep timer: 15 min. | 30 min. | 60 min. | 90 min.
General	
Day/Night Function	4 Step brightness control (Hi, Mid, Lo, Off)
Power On/Off	LED Operating Indicator with Auto Power OFF
Type of Use	Alarm Clock
Hardware	
Display	12-Hour (default)/24-Hour selectable time display
Microphone	Omni-Directional Electret Condenser 200 - 3,600 Hz Frequency Range
Inputs and Outputs	
Audio In	3.5 mm stereo minijack
Digital Audio Input(s)	USB Works with: iPhone 5 iPhone 4S iPhone 4 iPod touch (5th generation) iPod touch (4th generation) iPod touch (3rd generation) iPod classic iPod nano (7th generation) iPod nano (6th generation) iPod nano (5th generation) iPod nano (4th generation) Bluetooth technology works with: iPhone 5 iPhone 4S iPhone 4 iPad (4th generation) iPad mini iPad (3rd generation) iPad 2 iPad iPod touch (5th generation) iPod touch (4th generation) iPod touch (3rd generation) iPod nano (7th generation
Input(s)	USB port (Type-A) Stereo Mini Jack x 1 Maximum 44.1 kHz/16 bit Input
Power	
Input Voltage	120 V AC, 60 Hz, 16 W
Output Power	2 W + 2 W (@ 5 Ohm, 10% harmonic distortion)
Power Back-up	Battery: 3V DC, CR2032 battery (1)
Power Consumption (in Operation)	5.2 W
Weights and Measurements	
Dimensions (Approx.)	11 1/8"x 5 x 3 1/4" (281 x 126 x 80 mm) including projecting parts and controls
Weight (Approx.)	2 lbs. 14 oz. (1.3 kg) including batteries

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Wireless/Networking	
Bluetooth® Technology	Bluetooth® 2.4 GHz band, Ver 3.0 Specification Power Class 2 Profile Support: A2DP, AVRCP, HFP, HSP
NFC	One-touch Listening with NFC (Near Field Communications)
Accessories	
Supplied Accessories	AM loop antenna (1) Bluetooth Startup Guide (1) Operating Instructions (1)

1. Measurements: 5 Ohm loads, both channels driven from 150 Hz - 10 kHz; rated 2 watts per channel minimum RMS power, with no more than 10% total harmonic distortion.

2. USB compatible Apple® devices:

iPhone 5

iPhone 4S

iPhone 4

iPod touch (5th generation)

iPod touch (4th generation)

iPod touch (3rd generation)

iPod classic

iPod nano (7th generation)

iPod nano (6th generation)

iPod nano (5th generation)

iPod nano (4th generation)

Bluetooth® compatible Apple® devices:

iPhone 5

iPhone 4S

iPhone 4

iPhone 3GS

iPad (4th generation)

iPad mini

iPad (3rd generation)

iPad 2

iPad

iPod touch (5th generation)

iPod touch (4th generation)

iPod touch (3rd generation)

iPod nano (7th generation)

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